	THIS IS A COMPREHENSIVE S	YMBOL SCHEDULE. NOT A	LL SYMBOLS ARE APPI	LICABLE TO THESE DRAWINGS	MOUNTING HEIGH
SYMBOL	DESCRIPTION	TO CENTER OF DEVICE UNLESS OTHERWISE NOTED	SYMBOL	DESCRIPTION	TO CENTER OF DEVICE UNLESS OTHERWISE NOTE
	LIGHTING			POWER	
$^{A}O_{\!a}$	SURFACE MOUNTED LIGHT FIXTURE: CAPITAL LETTER INDICATES FIXTURE TYPE; SMALL LETTER INDICATES SWITCHING. TYPICAL FOR ALL FIXTURE TYPES.		$\Diamond$	MOTOR CONNECTION	
Q	WALL FIXTURE		•	JUNCTION BOX	
0	RECESSED DOWN LIGHT FIXTURE		4	PANEL	
<u> </u>	SURFACE MOUNT FIXTURE		Ø	SPECIAL EQUIPMENT PANEL	
	RECESSED FIXTURE			VARIABLE FREQUENCY DRIVE	
• •	SUSPENDED FIXTURE		T	TRANSFORMER	
	SHADING INDICATES EMERGENCY FIXTURE		M	METER	
₩	EMERGENCY LIGHTING WITH BATTERY PACK		б	DISCONNECT SWITCH	
<b>⊗</b> ł	EXIT SIGN (FACE(S) SHADED; ARROW INDICATES CHEVRON		÷	GROUND	
7	POLE MOUNTED LIGHT FIXTURE		#10 NLA-3,5	HOME RUN TO PANELBOARD, QUANTITY OF CONDUCTORS REQUIRED NOT INDICATED, PROVIDE QUANTITY AS REQUIRED FOR CIRCUIT NUMBERS SHOWN,	
oc <sub>D</sub>	OCCUPANCY SENSOR			SWITCHING ARRANGEMENT, OR NUMBER OF HOME RUNS SHOWN. '#10' INDICATES WIRE SIZE, NO NUMBERS INDICATES #12, 3/4 INCH CONDUIT MINIMUM.	
PC	PHOTO ELECTRIC CELL				
				LIGHTNING PROTECTION	
	SWITCHES		•	DOWNLEAD LOCATION	
\$	SINGLE POLE SWITCH	48 INCHES	<u> </u>	GROUND ROD	
<b>\$</b> <sub>3</sub>	THREE-WAY SWITCH	48 INCHES	• • •	GROUND ROD WITH INSPECTION WELL	
<b>\$</b> 4	FOUR-WAY SWITCH	48 INCHES	<del>-</del>		
<b>\$</b> D	DIMMER SWITCH	48 INCHES		FIRE ALARM	
<b>\$</b> ĸ	KEY OPERATED SWITCH	48 INCHES		MAGNETIC DOORHOLDER	
<b>\$</b> oc	OCCUPANCY SENSOR	48 INCHES	<u> </u>	FIRE ALARM PULL STATION	
<b>\$</b> ⊤	TIMER SWITCH	48 INCHES	₩S	STROBE LIGHT	
Ψ1		10 11/05/125	. <u>©</u>	PHOTOELECTRIC SMOKE DETECTOR ("S" INDICATES WITH SOUNDER BASE)	
	RECEPTACLES			FIXED TEMPERATURE HEAT DETECTOR	
Φ	DUPLEX RECEPTACLE			DUCT PHOTOELECTRIC DETECTOR	
	DOUBLE DUPLEX RECEPTACLE		<u> </u>	COMBINATION FIRE/SMOKE DAMPER	
<b>#</b>	SPECIAL CONNECTION		₽⊞ <b>⊲</b> s	HORN STROBE COMBO	
<b>⊕</b> <b>⊙</b>	FLUSH FLOOR BOX		<b>⊦</b> <u>™</u> ⊲s	MINI HORN STROBE COMBO	
			<b>I</b> M <b>Z</b> 3		
<b>P</b>	SAFETY DUPLEX RECEPTACLE			FIRE ALARM ANNUNCIATOR PANEL	
<b>(D)</b>	CEILING MOUNTED DOUBLE DUPLEX RECEPTACLE		.5	FIRE ALARM CONTROL PANEL	
φ	SIMPLEX RECEPTACLE		н <mark>в</mark> о	FIRE ALARM BELL	
<b>©</b>	WALL CLOCK OUTLET AT 84" AFF ?			MISCELLANEOUS	
	COMMUNICATIONS		?	NOTE IDENTIFICATION	
w <b>&gt;</b>	TELEPHONE OUTLET			HASH MARKS INDICATE ITEM NOTED TO BE REMOVED	
w <b>&gt;</b>	TELEPHONE AND DATA OUTLET		, , , , , ,	ABBREVIATIONS:	
WD	DATA OUTLET		AC	ABOVE COUNTER	
	TELEVISION OUTLET		C EWC G	CONDUIT ELECTRIC WATER CLOSET GROUND	
¥ ####	CABLE TRAY		GFCI LV	GROUND FAULT CIRCUIT INTERRUPTER LOW VOLTAGE	
<u>s</u>	SPEAKER		MC MCCB	MOMENTARY CONTACT MOLDED CASE CIRCUIT BREAKER	
			OC STP WG	OCCUPANCY SENSOR SHIELD TWISTED PAIR WIRE GUARD	
	SECURITY		WP	WEATHERPROOF	
CR <b>L</b>	CARD READER				
	CAMERA				

CONSULTANTS:

VA FORM 08-6231

			ABBREVIATIONS		
1PH	SINGLE-PHASE	FAAP	FIRE ALARM ANNUNCIATOR PANEL	P	POLE
1P	SINGLE POLE	FACP	FIRE ALARM CONTROL PANEL	PA	PUBLIC ADDRESS (OVERHEAD PAGING SYSTEM)
3Ø	THREE-PHASE	FLR	FLOOR	PF	PLUMBING FIXTURE
	THREE-PHASE	FSD	FIRE/SMOKE DAMPER	PNL	PANEL
		FT	FEET OR FOOT	PVC	POLYVINYL CHLORIDE
A	AMPERES		TEET ON TOOT	1 10	1 OET VIIVTE OFFEOTOBE
	ABOVE FINISHED FLOOR	G,GND	GROUND		
		•		DE DEE	DEFED TO DEFEDENCE DECARDING
	AIR HANDLING UNIT	GA	GAUGE	RE, REF	REFER TO, REFERENCE, REGARDING
	AMPERE INTERRUPTING CAPACITY	GFCI	GROUND FAULT CIRCUIT INTERRUPTER	REC	RECREATION
ALT	ALTERNATE	GP	GENERAL PURPOSE	RECPT	RECEPTION, RECEPTIONIST
		GYP	GYPSUM	REFRIG	REFRIDGERATOR
BD	BOARD			REQD	REQUIRED
BLDG	BUILDING	HP	HORSEPOWER	REQMTS	REQUIREMENTS
		HT	HEIGHT	RM	ROOM
С	CONDUIT	HVAC	HEATING, VENTILATION, & AIR CONDITIONING		
	CAPACITY	1177.6	TIE/TINO, VENTIE/TION, & AIR CONDITIONING	SW	SOUTHWEST
	COMMUNITY ANTENNA TELEVISION	JB	JUNCTION BOX	SVV	300111111231
		JB	JUNCTION BOX	TELE	TELEDUONE
	CIRCUIT	1011	1/11 ON / A TT	TELE	TELEPHONE
	CLOSED CIRCUIT TELEVISION	KW	KILOWATT	TELECOM	TELECOMMUNICATIONS
	CHEMOTHERAPY			TIA/EIA	TELECOMMUNICATIONS INDUSTRY ASSOCIATION /
	CIRCUIT	LED	LIGHT EMITTING DIODE		ELECTRONIC INDUSTRIES ALLIANCE
COMM	COMMUNICATION	LTG	LIGHTING	TV	TELEVISION
CORR	CORRIDOR			TYP	TYPICAL
	CONTRACTING OFFICER'S TECHNICAL	MAX	MAXIMUM		
	REPRESENTATIVE	MCCB	MOLDED CASE CIRCUIT BREAKER	UL	UNDERWRITERS LABORATORY
	CARD READER	MECH	MECHANICAL	OL.	ONDERWINIERO ENDORVITORI
	COPPER		MEDICAL	17	VOLTS
CU	COPPER	MED		V	
		MIN	MINIMUM	VA	VETERAN'S ADMINISTRATION
	DEMOLITION	MLO	MAIN LUGS ONLY	VAV	VARIABLE AIR VOLUME BOX
	DOWN	mm	MILLIMETER	VAC	VOLTS ALTERNATING CURRENT
OPD	DUCT PHOTO DETECTOR				
		N	NORTH	W	WATT
≣	EAST	NEC	NATIONAL ELECTRICAL CODE	W	WIRE
	EACH	NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASSN		
	ELECTROENCEPHALOGRAPHY	NFPA	NATIONAL FIRE PROTECTION ASSOCIATION		
	ELECTROCARDIOGRAPHY	NIC			
			NOT IN CONTRACT		
	ELEVATOR	NICET	NATIONAL INSTITUTE FOR CERTIFICATION IN ENGINEERING		
	EMERGENCY		TECHNOLOGIES		
	EQUIPMENT	No.	NUMBER		
ETC	ETCETERA	NTS	NOT TO SCALE		
XIST,EXG					
- , -		OC	OCCUPANCY SENSOR		
		OCPD	OVER CURRENT PROTECTION DEVICE		
		OX	OXYGEN		

## GENERAL ELECTRICAL NOTES (APPLY TO ALL DRAWINGS):

ARCHITECT/ENGINEERS:

FOURFRONT

DESIGN INC.

517 7th street rapid city sd 57701 p 605.342.9470 f 605.342.2377

www.4front.biz

10.1696.013

CATOR | RUMA & ASSOCIATES, CO.

420 W. Lincolnway

Cheyenne, WY 82001 307.274.3830 (P)

303.233.3701 (F)

896 Tabor Street Lakewood, CO 80401

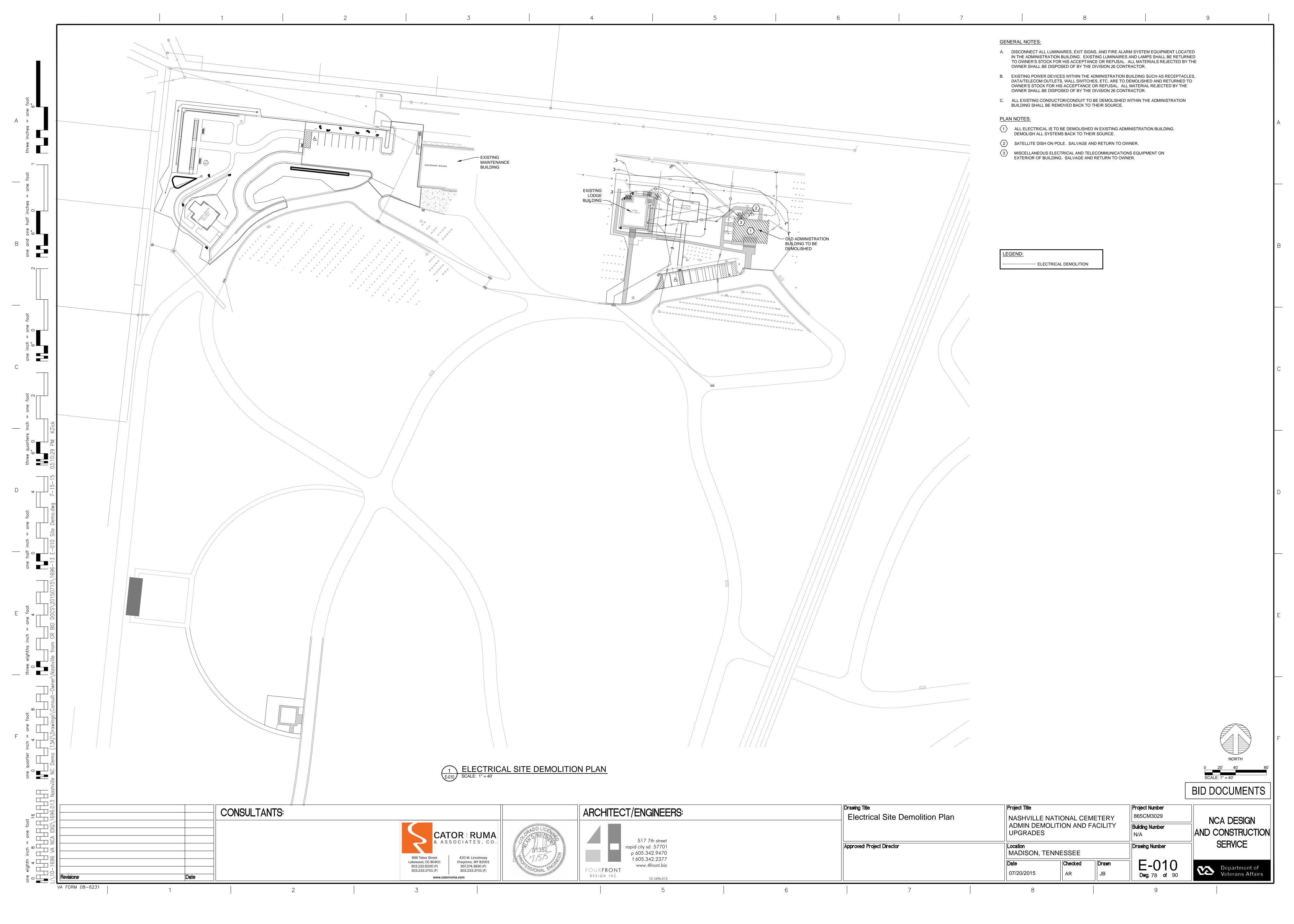
303.232.6200 (P)

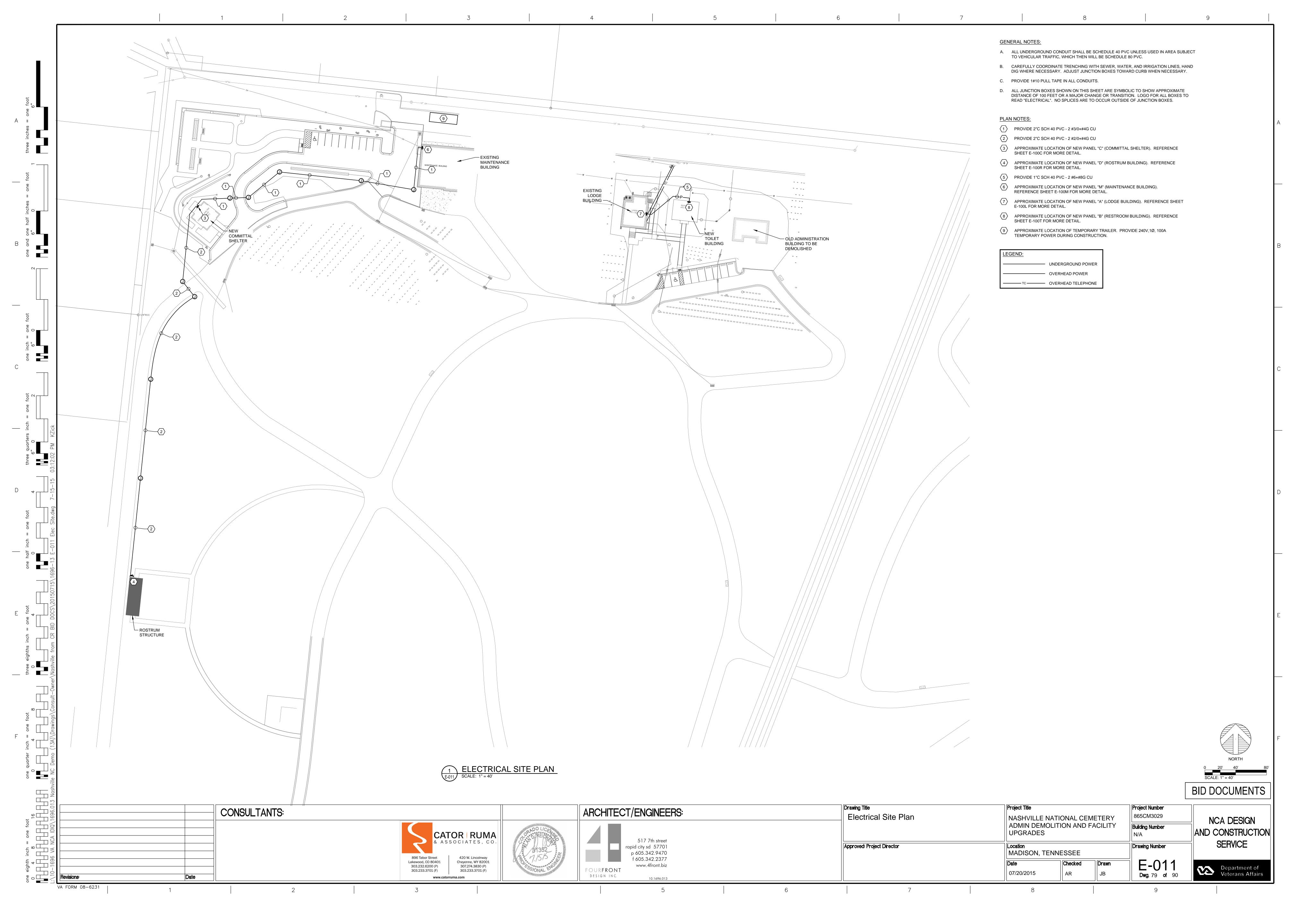
303.233.3701 (F)

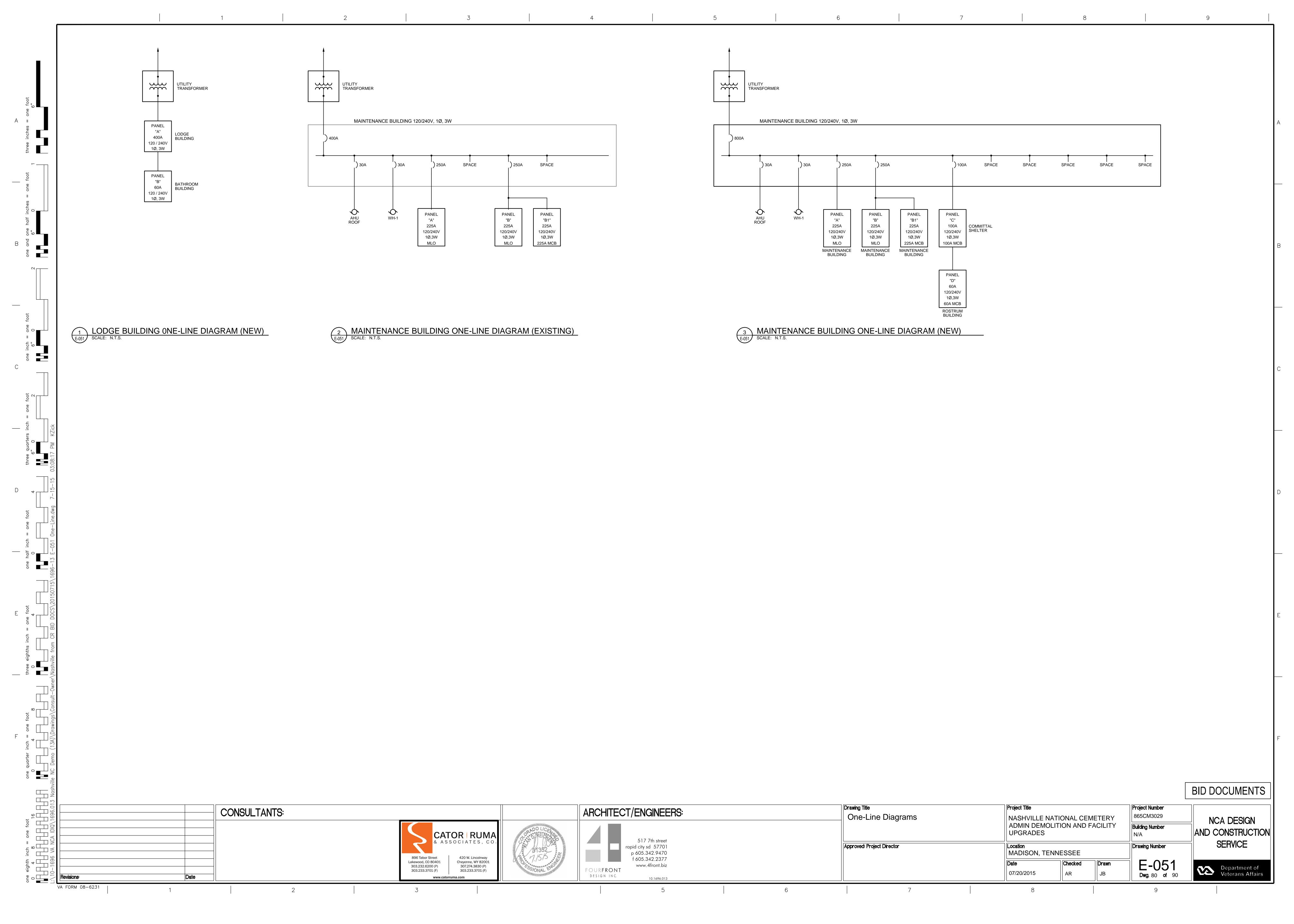
- A. ALL WORK SHALL COMPLY WITH THE LATEST EDITION OF THE NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) CODES, NATIONAL ELECTRICAL MANUFACTURER'S ASSOCIATION (NEMA) STANDARDS, TIA/EIA STANDARDS, UNDERWRITER LABORATORIES, INC. (UL) LISTINGS, APPLICABLE LOCAL AND REGIONAL CODES, AND VA REQUIREMENTS AND STANDARDS.
- B. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL PERMITS ASSOCIATED WITH THIS PROJECT ON BEHALF OF THE VA. REFERENCE SPECIFICATION SECTION 260511 FOR ADDITIONAL REQUIREMENTS.
- C. CONTRACTOR SHALL RECOGNIZE THAT PROJECT SCOPE INCLUDES ALL PROJECT CONTRACT DOCUMENTS (DRAWINGS AND SPECIFICATIONS). THE DRAWINGS AND SPECIFICATIONS SHALL BE TAKEN TOGETHER AS ONE. CONTRACTOR SHALL SHALL PROVIDE WORK SPECIFIED AND NOT INDICATED OR WORK INDICATED AND NOT SPECIFIED AS THOUGH MENTIONED IN BOTH.
- D. CONTRACTORS ARE TO COORDINATE ALL WORK WITH THE VA COTR. CLEAN ALL DEBRIS FROM THE CONSTRUCTION SITE TO THE SATISFACTION OF THE VA COTR. REFERENCE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
- E. GROUND: CONTINUITY OF GROUND THROUGHOUT THE SYSTEM SHALL BE PROVIDED. SYSTEM GROUND TO COMPLY WITH NEC REQUIREMENTS. RACEWAY SHALL NOT BE RELIED UPON FOR SOLE EQUIPMENT GROUNDING MEANS. ALL RACEWAY (CONDUIT, CABLETRAY, SURFACE RACEWAY, ETC) SHALL HAVE CONTINUOUS GROUND THROUGHOUT RACEWAY SYSTEM, SIZE PER NEC. CONTRACTOR SHALL ENSURE AND CONDUCT ALL PERFORMANCE CRITERIA AND TESTING OF GROUNDING SYSTEM PER NFPA. REFERENCE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
- F. CONTRACTOR SHALL REPLACE ANY ACOUSTICAL CEILING TILES, PORTIONS OF THE SUSPENSION SYSTEM OR EXPOSED GRID SYSTEM DAMAGED BY HIS WORK.
- G. ALL CONDUIT PENETRATING FIRE WALLS, FIRE BARRIERS, SMOKE BARRIERS, OR FIRE PARTITIONS SHALL COMPLY WITH APPLICABLE BUILDING CODES AND SHALL BE SEALED TIGHT WITH AN APPROVED FIRE STOP SEALANT RESTORING THE WALL/BARRIER/PARTITION TO ITS ORIGINAL RESISTANCE, SEE SECTION 078400. UNLESS OTHERWISE NOTED ON DRAWINGS, ALL WALL, CEILING, AND FLOOR SLAB PARTITIONS SHALL BE CONSIDERED AS FIRE RATED PATCHED ACCORDINGLY.
- H. ALL ELECTRICAL CONDUIT SHALL BE CONCEALED IN WALLS OR CEILINGS IN FINISHED AREAS.
- I. BRANCH CIRCUITS SHALL BE MINIMUM #12 CONDUCTOR AND 3/4" CONDUIT. UPSIZE CONDUIT/CONDUCTORS FOR OCPD, VOLTAGE DROP, ETC AS REQUIRED BY THE NEC AND VA SPECIFICATIONS AND REQUIREMENTS.
- J. REFERENCE MECHANICAL DRAWINGS AND SPECIFICATIONS FOR WORK PHASING AND CONSTRUCTION CONTROLS PLAN.
- K. FOR THE ARCHITECTURAL PLANS, NOT ALL ELECTRICAL ITEMS REQUIRING DEMOLITION MAY BE SHOWN. VISIT SITE BEFORE BIDDING AND BECOME FAMILIAR WITH

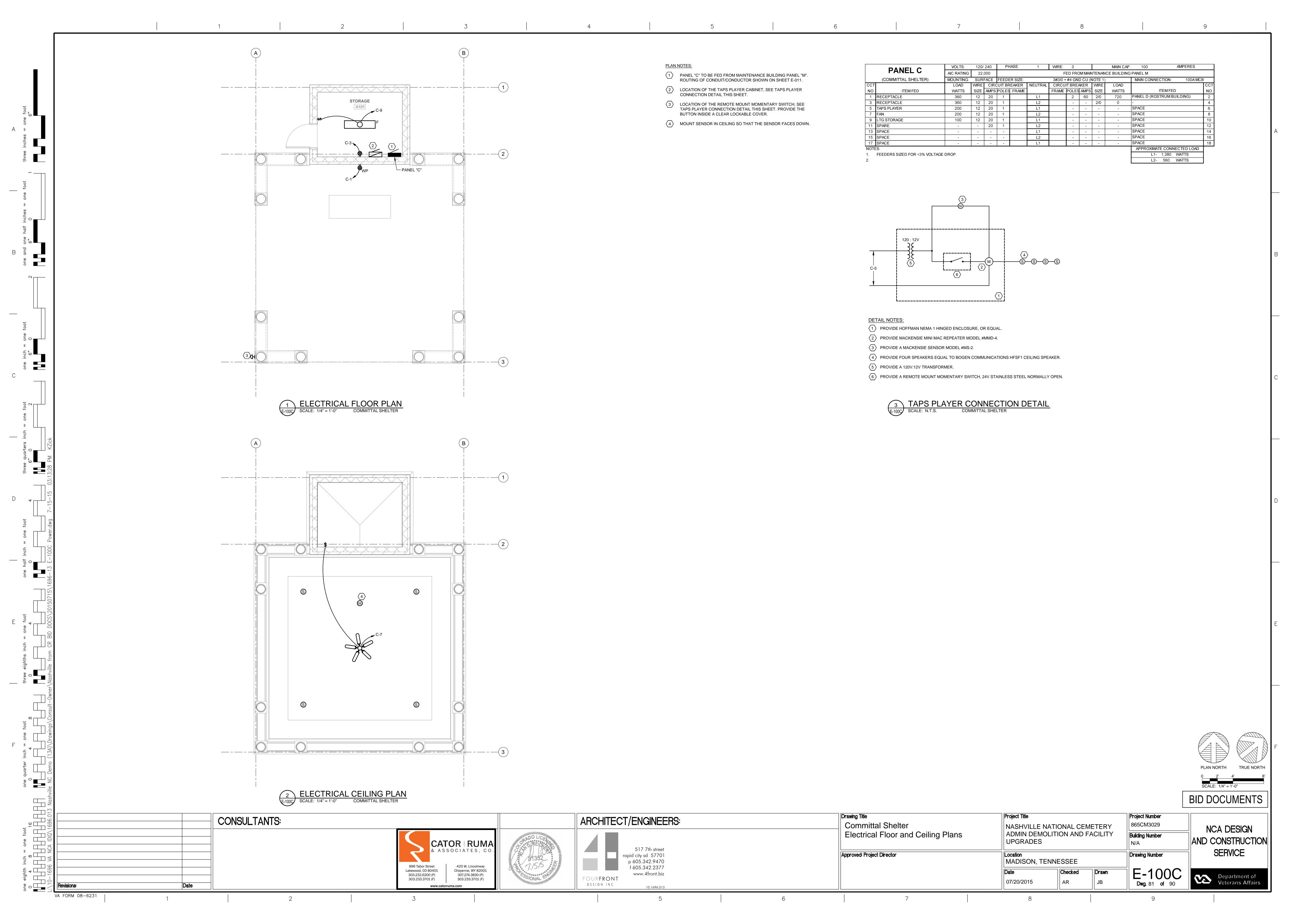
NCA DESIGN AND CONSTRUCTION SERVICE

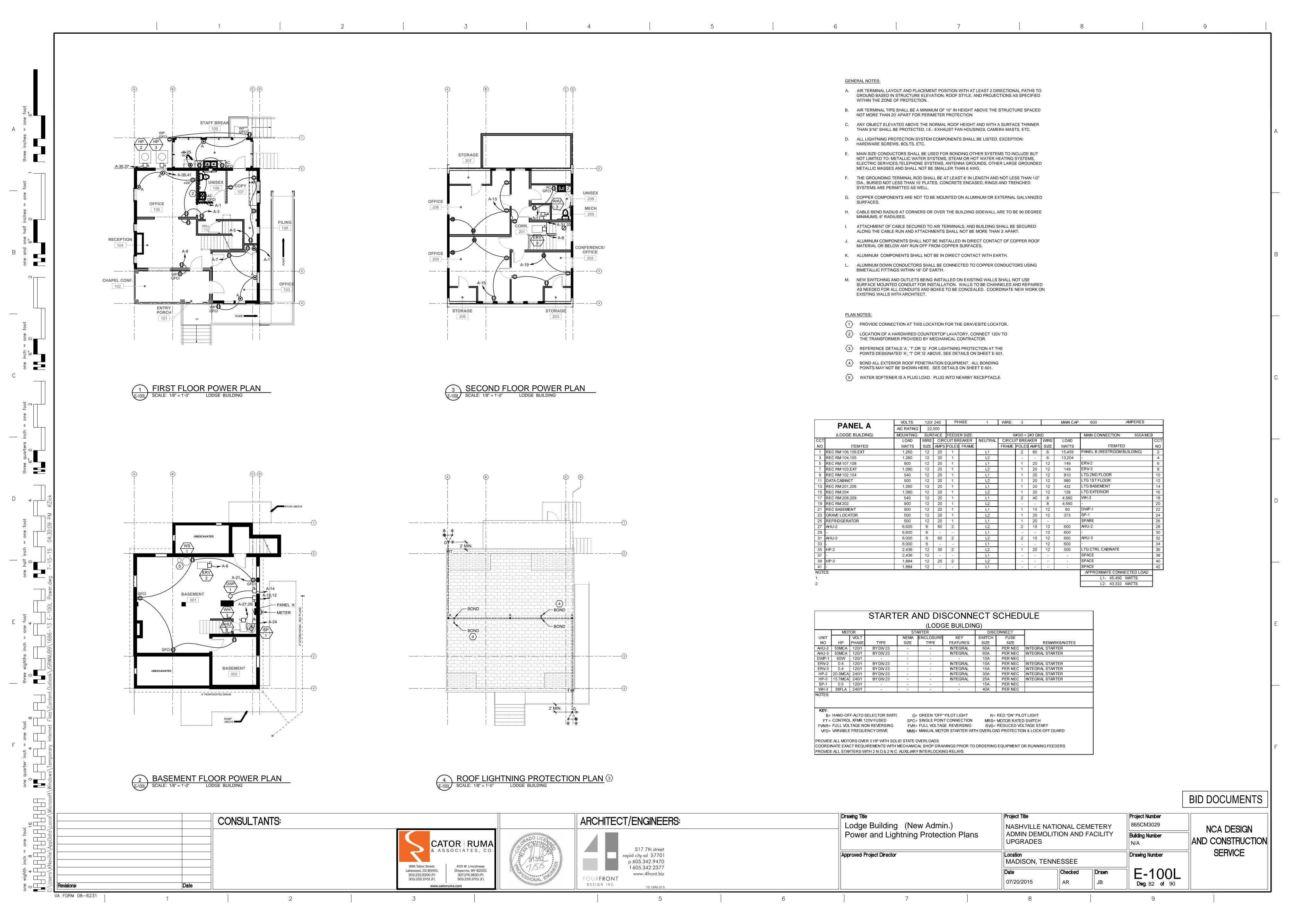
**BID DOCUMENTS** Drawing Title Project Title Project Number Symbology, Abbreviations and 865CM3029 NASHVILLE NATIONAL CEMETERY General Notes ADMIN DEMOLITION AND FACILITY UPGRADES Building Number N/A Location MADISON, TENNESSEE Approved: Project Director Drawing Number E-001
Dwg. 77 of 90 Checked Department of Veterans Affairs 07/20/2015

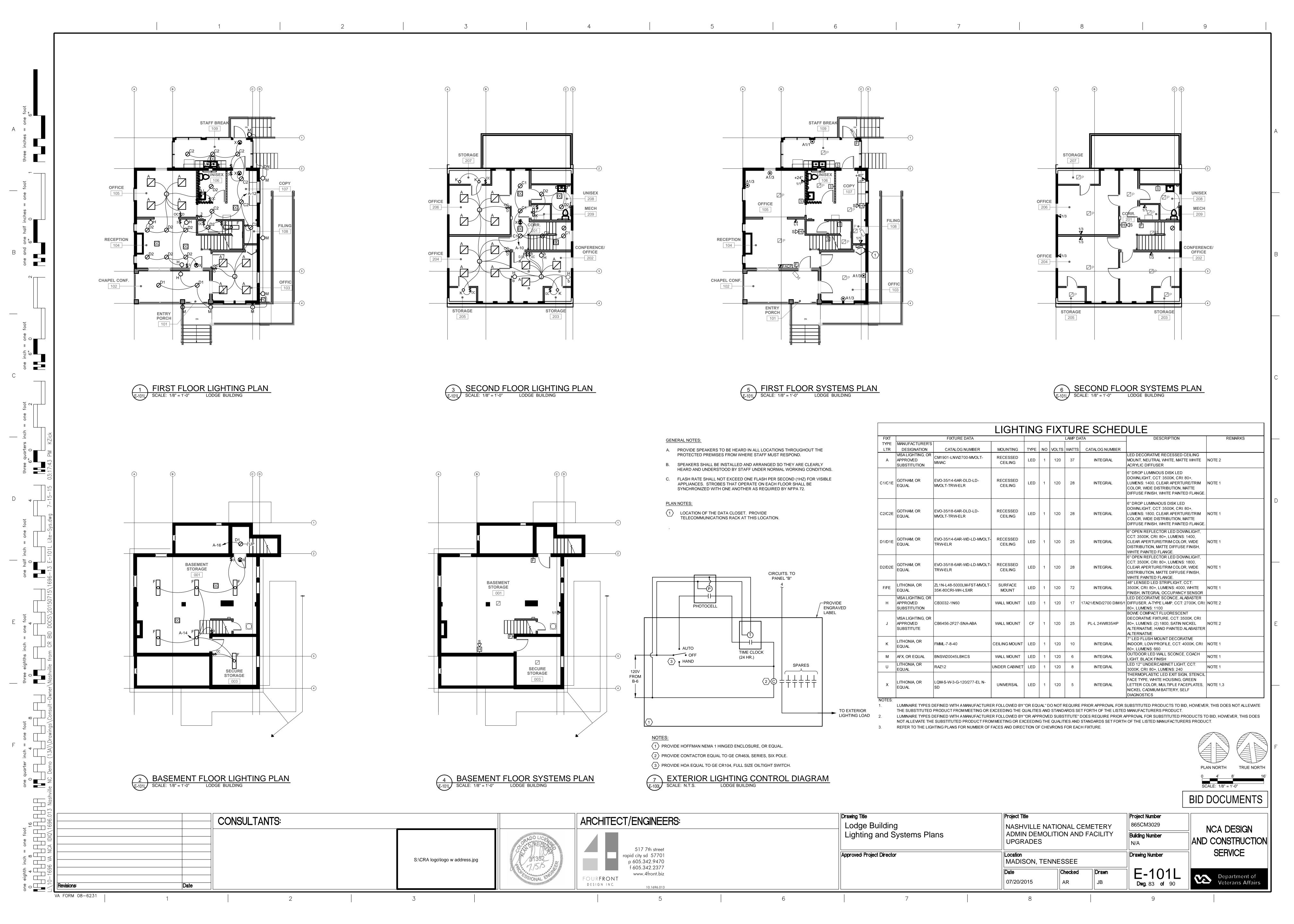


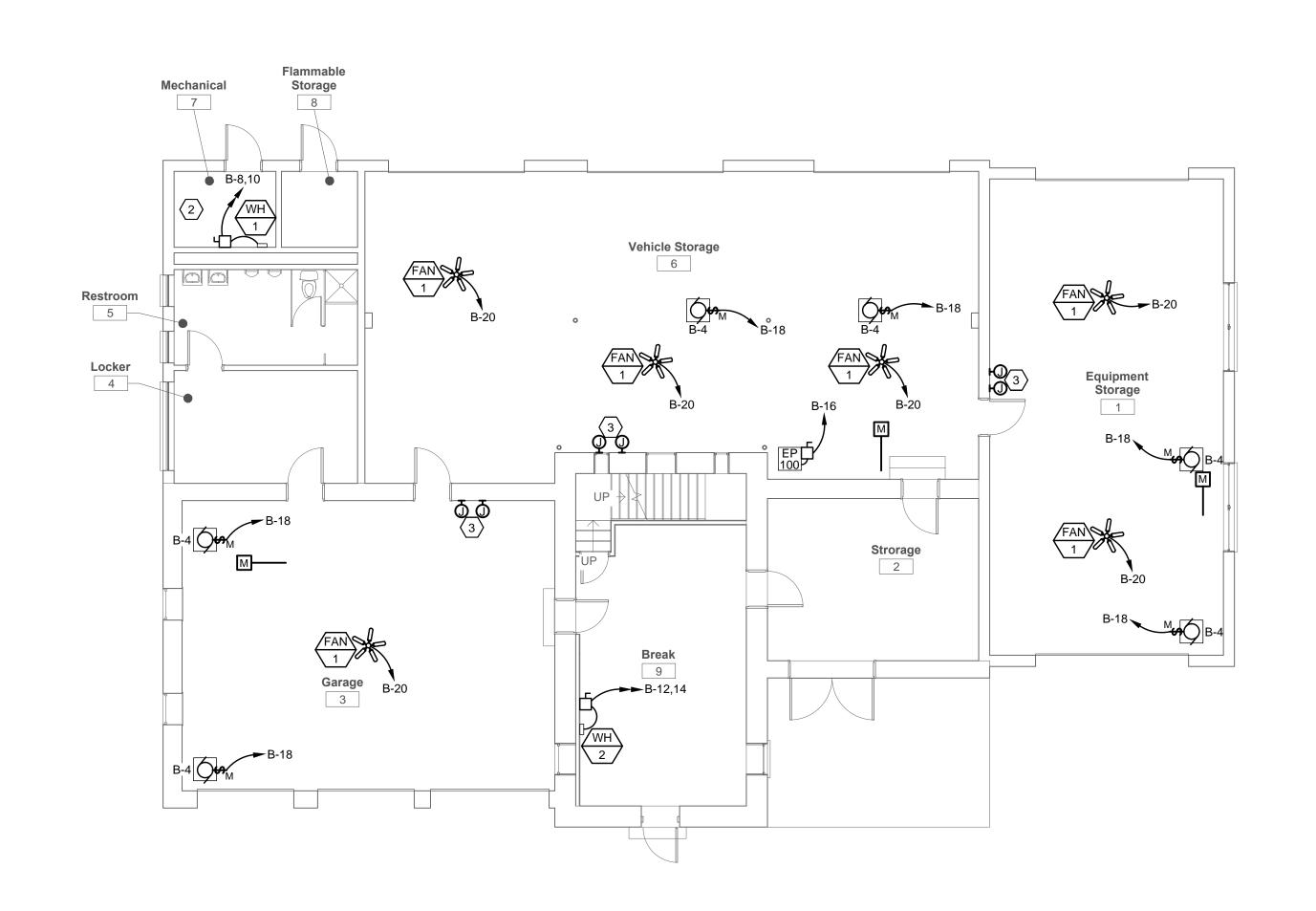


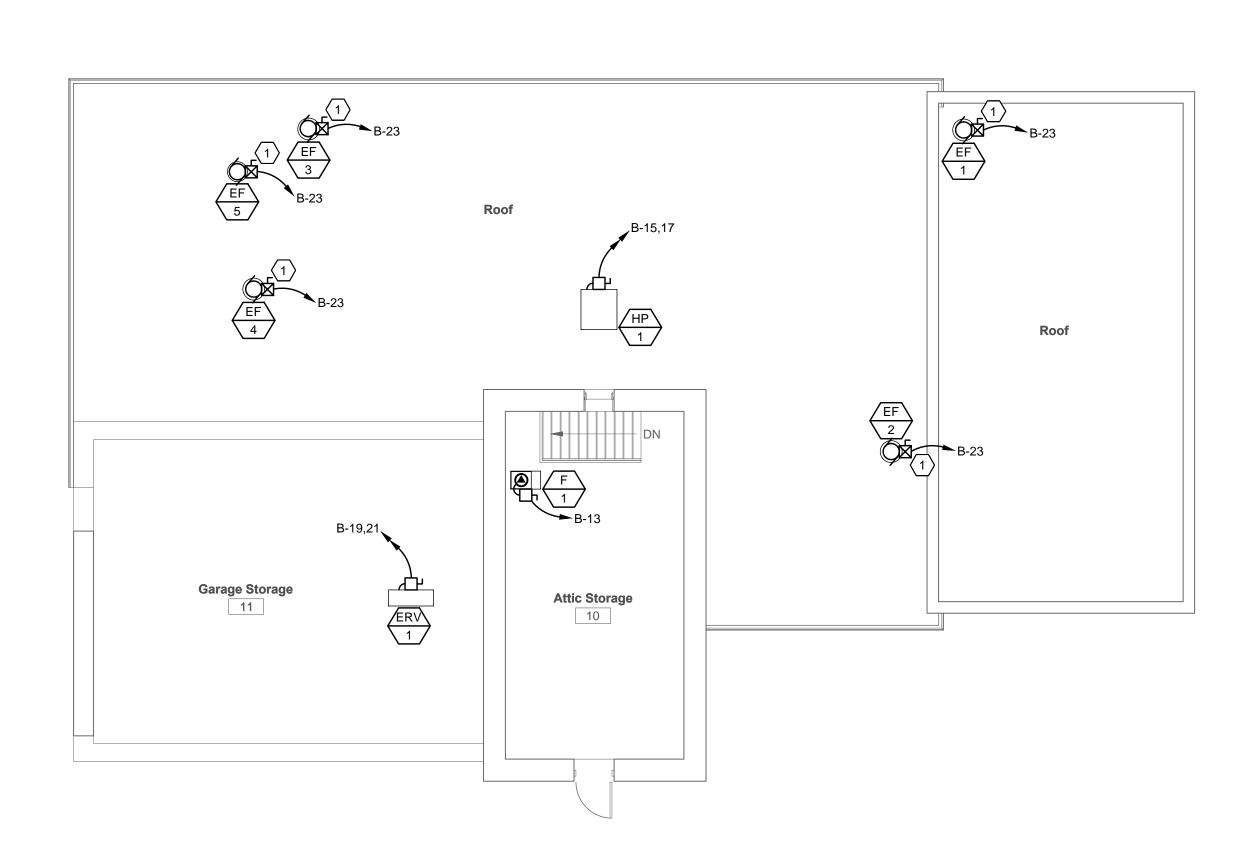












**GENERAL NOTES:** 

A. SEE STARTER DISCONNECT SCHEDULE FOR MECHANICAL EQUIPMENT, FOR SIZES AND TYPES.

B. REFERENCE THIS SHEET FOR PANEL SCHEDULES.

C. PROVIDE A 20A/1P MCCB IN PANEL "B1" FOR ALL NEW THERMOSTATS. PROVIDE CONDUIT AND CONDUCTOR

AS NECESSARY. D. PROVIDE A 20A/1P MCCB IN PANEL "B1" FOR ALL MOTORIZED DAMPERS. PROVIDE CONDUIT AND

CO2 SENSORS, SEE NOTE 3.

CONDUCTOR AS NECESSARY. E. PROVIDE A 20A/1P MCCB IN PANEL "B1" FOR ALL NO AND

F. PROVIDE A 20A/1P MCCB IN PANEL "B1" FOR ALL AUTOMATIC FLUSH TOILETS, SEE MECHANICAL FOR LOCATIONS.

## PLAN NOTES:

STARTER/DISCONNECT TO BE PROVIDED BY DIV. 23 AND INSTALLED BY THIS CONTRACTOR.

 $\langle 2 \rangle$  UPGRADE SERVICE FROM THIS BUILDING FROM 400A TO 800A, CONTACT NASHVILLE ELECTRIC SERVICE (615) 736-6900. REPLACE EXISTING DISTRIBUTION PANEL WITH NEW SQUARE D I-LINE PANEL, OR EQUAL. NEW PANEL TO HAVE BREAKER SPACES AS SHOWN. NEW SERVICE FEEDERS TO BE UPSIZED TO 3#600 KCMIL IN (2)3" CONDUITS OR EACH OF (3) 2 1/2" CONDUITS.

 $\overline{\langle 3 \rangle}$  LOCATION OF NO AND CO2 SENSORS.

			START	ER A	ND DIS	SCONNE	ECT S	CHED	ULE						
	(MAINITENIANICE DI III DINIC)														
	(MAINTENANCE BUILDING)														
	MOTOR STARTER DISCONNECT  UNIT VOLT NEMA ENCLOSURE KEY SWITCH FUSE														
UNIT		VOLT	FUSE												
NO	HP	PHASE	TYPE	SIZE	TYPE	FEATURES	SIZE	SIZE	REMARKS/NOTES						
B-4(6)	0.03	120/1	-	-	-	-	15A MRS	PER NEC							
EF-1	0.06	120/1	BY DIV 23	-	3R	-	15A MRS	PER NEC	STARTER/DISCONNECT BY DIV 23						
EF-2	0.04	120/1	BY DIV 23	-	3R	-	15AMRS	PER NEC	STARTER/DISCONNECT BY DIV 23						
EF-3	0.04	120/1	BY DIV 23	-	3R	-	15A MRS	PER NEC	STARTER/DISCONNECT BY DIV 23						
EF-4	0.05	120/1	BY DIV 23	-	3R	-	15A MRS	PER NEC	STARTER/DISCONNECT BY DIV 23						
EF-5	0.02	120/1	BY DIV 23	-	3R	-	15A MRS	PER NEC	STARTER/DISCONNECT BY DIV 23						
EP-100	0.33	120/	-	-	-	-	20A	PER NEC							
ERV-1	1.5	240/1	BY DIV 23	-	-	INTEGRAL	20A	PER NEC	INTEGRAL STARTER						
F-1	0.5	120/1	BY DIV 23	-	-	INTEGRAL	15A	PER NEC	SPC, INTEGRAL STARTER						
HP-1	15.7MCA	240/1	BY DIV 23	-	-	INTEGRAL	25 <b>A</b>	PER NEC	INTEGRAL STARTER						
WH-1	WH-1 9KW 240/1 40A PER NEC														
WH-2	7KW	240/1	-	-	-	-	30A	PER NEC							
NOTES:	•	•							·						

B= HAND-OFF-AUTO SELECTOR SWIT( G= GREEN "OFF" PILOT LIGHT R= RED "ON" PILOT LIGHT FT = CONTROL XFMR 120V FUSED SPC= SINGLE POINT CONNECTION MRS= MOTOR RATED SWITCH FVNR= FULL VOLTAGE NON REVERSING FVR= FULL VOLTAGE REVERSING RVS= REDUCED VOLTAGE START MMS= MANUAL MOTOR STARTER WITH OVERLOAD PROTECTION & LOCK-OFF GUARD VFD= VARIABLE FREQUENCY DRIVE

PROVIDE ALL MOTORS OVER 5 HP WITH SOLID STATE OVERLOADS COORDINATE EXACT REQUIREMENTS WITH MECHANICAL SHOP DRAWINGS PRIOR TO ORDERING EQUIPMENT OR RUNNING FEEDERS

PROVIDE ALL STARTERS WITH 2 N.O & 2 N.C. AUXILIARY INTERLOCKING RELAYS

	F	PANEL	M (EX	ISTIN	G - MA	AINTENAN	ICE	BUILD	ING)		
MOUNTING	: FLOOR	VOLTS:	120/240	PHASE:	1		WIRE:	3	MAIN CAPACITY:	400	AMPERES
SPECTRAS	ERIES POER PANEI	LBOARD, GE#	# 368 34475-T								
RATING:		65 KAIC						MA	IN CONNECTION:	400A MCI	3
				CI	RCUIT BREA	KER		LOAD DIS	TRIBUTION		
CCT	T ITEM FED					WIRE		PHASE A	PHASE B	REM	MARKS
NO			AMPS	POLES	FRAME	SIZE		KW	KW		
1	AHU - ROOF		30	2	65 <b>K</b> A						
2	WH - 1		30	2	65KA						
3	PNL A		250	2	66KA						
4	SPACE		-	-	-						
5	PNL B		250	2	66KA						
6	SPACE				-						
NOTES:			•		-						

1. DISCONNECT ALL LOADS SHOWN AND RECONNECTED TO NEW PANEL, SEE NEW SCHEDULED PANEL M.

	PANEL M (MAINTENANCE BUILDING)											
MOUNTING	S: FLOOR VOLTS:	120/240	PHASE:	1	WIRE:	3	MAIN CAPACITY:	800 AMPERE				
FEEDER SIZ	ZE: 9#300 + 3#1/0 GND CU											
RATING:	65 KAIC					MA	IN CONNECTION:	800A MCB				
			С	IRCUIT BREA	KER	LOAD DIS	TRIBUTION					
CCT	ITEM FED				WIRE	PHASE A	PHASE B	REMARKS				
NO		AMPS	POLES	FRAME	SIZE	KW	KW					
1	AHU - ROOF	30	2		EXISTING TO BE REUSED	-	-	NOTE 2				
2	WH - 1	30	2		EXISTING TO BE REUSED	=	-	NOTE 2				
3	PNL A	250	2		EXISTING TO BE REUSED	0	0	NOTE 1,2				
4	PNL B	400	2		EXISTING TO BE REUSED	12624	12817	NOTE 1,2				
5	PNL C (COMMITTAL SHELTEI	₹) 100	2		3#3/0 + #4 GND (NOTE 3)	1280	560					
6	SPACE	-	-		-	-	-					
7	SPACE	-	-		-	-	-					
8	SPACE	-	-		-	-	-					
9	SPACE	-	-		-	-	-					
10	SPACE	-	-		-	-	-					

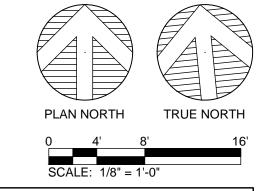
1. LOAD SHOWN HERE IS THE ADDED LOAD TO THE EXISTING PANEL, NOT THE ACTUAL LOAD.

2. DISCONNECT FROM EXISTING PANEL AND RECONNECT TO THIS NEW PANEL AT THIS LOCATION. 3. FEEDERS SIZED FOR <3% VOLTAGE DROP.

											_				
	PANEL A	VOLTS:	120/	240	PH	HASE:	1	WIRE:	3			MAIN CAP.	225A	AMPERES	
	PANEL A	AIC RATING	22,	000		GE A SERIES PANELBOARD #AF375									
	(MAINTENANCE BUILDING)	MOUNTING:	SUR	FACE	FEEDE	R SIZE:	FED FI	ROM MAIN	TENAN	CE BU	ILDING	PANEL M	MAIN CONNECTION:	MLO	
CCT		LOAD	WIRE	CIRC	CUITBF	REAKER	NEUTRAL	CIRCUI	TBREA	KER	WIRE	LOAD			CCT
NO	ITEM FED	WATTS	SIZE	AMPS	POLES	FRAME		FRAME	POLES	AMPS	SIZE	WATTS	ITEM FE	D	NO
1	AIR COMPRESSOR			30	2		L1		1	15			ROOF EXH FAN		2
3	-			-	-		L2		1	20			FRT EQ STR LTS		4
5	A GAS FIRED HTR			20	1		L1		1	20			SPARE		6
7	AIR COMPRESSOR			15	1		L2		1	20			SPARE		8
9	KIT APPL REC			20	1		L1		1	20	l l		ELEC DR OPNR		10
11	KIT APPL REC			20	1		L2		1	20			ELEC DR OPNR		12
13	KIT APPL REC			20	1		L1		1	20			ELEC DR OPNR		14
15	KIT APPL REC			20	1		L2		1	20			VENDING MACH		16
17	BREAK ROM REC			20	1		L1		1	20			VENDING MACH		18
19	TLT-LCKR-MR LTS			20	1		L2		1	20			RR EQ STR GFCI REC		20
21	MR WALL HTR			20	1		L1		1	20			RR EQ STR GFCI REC		22
23	FR EQ STR WL HTR			20	1		L2		1	20			MECH RM REC		24
25	TLT-SHWR WL LTS			20	1		L1		1	20			FO PUMP-NW LOT		26
27	KIT BB HTR			20	1		L2		1	20			SPARE		28
29	BRK RWKIT LITS			20	1		L1		1	20			TLT-GFCI REC		30
NOT	ES:												APPROXIMATE CONN	IECTED LOAD	
1.													L1- 0	WATTS	
2.													L2- 0	WATTS	

	DANELD	VOLTS:	120/	240	PH	HASE:	1	WIRE:	3			MAIN CAF	P. 225 A	MPERES	
	PANEL B	AIC RATING	22,	22,000					Q2B4						
	(MAINTENANCE BUILDING)	MOUNTING:	SUR	FACE	FEED	ER SIZE:	FED FF	ROM MAIN	ITENAN	CE BU	ILDING	PANEL M	MAIN CONNECTION:	MLO	
ССТ		LOAD	WIRE	CIRC	CUIT BF	REAKER	NEUTRAL	CIRCU	IT BREA	KER	WIRE	LOAD			CCT
NO	ITEM FED	WATTS	SIZE	AMPS	POLES	FRAME	1	FRAME	POLES	AMPS	SIZE	WATTS	ITEM FED		NO
1	WELDER OUTLET (NOTE 1)			100	2		L1		2	20			SPARE		2
3	-			-	-		L2		-	_			-		4
5	GAS FIRED UH (NOTE 1)			15	1		L1		1	15			GAS FIRED UH		6
7	SPARE			20	1		L2		2	40	8	4,560	WH-1		8
9	AIR COMPRESSOR			40	2		L1		-	-	8	4,560	-		10
11	-			-	-		L2		2	30	10	3,480	WH-2		12
13	F-1	924	12	15	1		L1		-	-	10	3,480	-		14
15	HP-1	1,884	12	25	2		L2		1	20	12	576	EP-100		16
17	-	1,884	12	-	-		L1		1	20	12	216	B-4(6)		18
19	ERV-1	560	12	20	2		L2		1	20	12	600	FAN-1 (6 EACH)		20
21	-	560	12	-	-		L1		-	-	-	-	SPACE		22
23	EF-1,2,3,4,5	157	12	20	1		L2		-	-	-	-	SPACE		24
TON	ES:	•	•	•	•								APPROXIMATE CONNEC	CTED LOAD	
1.													L1- 11,624 W	/ATTS	1
2.													L2- 11.817 W	/ATTS	1

	DANIEL DA	VOLTS:	120/	240	PF	HASE:	1	WIRE:	3			MAIN CAP	. 225 AMPERES	
	PANEL B1	AIC RATING	22,	000					GE	A SER	IES PAN	IELBOARD ##	XB4	
	(MAINTENANCE BUILDING)	MOUNTING:	SUR	FACE	FEEDE	R SIZE:	FED FI	ROM MAIN	TENAN	CE BU	ILDING	PANEL M	MAIN CONNECTION: 225A MCI	В
ССТ		LOAD	WIRE	CIRC	CUIT BF	REAKER	NEUTRAL	CIRCUI	T BREA	KER	WIRE	LOAD		CC
NO	ITEM FED	WATTS	SIZE	AMPS	POLES	FRAME		FRAME	POLES	AMPS	SIZE	WATTS	ITEM FED	NO
1	SML ENG RPR LTS			20	1		L1		1	20			SML ENG RPR REC	2
3	REAR BAYLTS			20	1		L2		1	20			SML ENG RPT REC	4
5	RR BAYE, GFCI REC			20	1		L1		1	20			EAST BAYLTS	6
7	RR BAY EXT LTS			20	1		L2		1	20			E BAY GFCI REC	
9	RR BAY DR OPNR			20	1		L1		1	20			EAST BAY REC	
11	RR BAY DR OPNR			20	1		L2		1	20			E BAY DR OPNR	12
13	RR BAY DR OPNR			20	1		L1		1	20			E BAY DR OPNR	14
15	RR BAY EAST REC			20	1		L2		1	15			ROOF EXT FAN	16
17	WP GFCI ON ROOF			20	1		L1		1	15			ROOF EXT FAN	18
19	MOTORIZED DAMPERS	500	12	20	1		L2		1	20			LIFT ? SLAB	20
21	THERMOSTATS	500	12	20	1		L1		1	20	12	500	AUTOMATICE FLUSH TOILETS	22
23	NO AND CO2 SENSORS	500	12	20	1		L2		-	-			SPACE	24
IOTE	S:	•		•	•								APPROXIMATE CONNECTED LOAD	T
•													L1- 1,000 WATTS	1
2.													L2- 1,000 WATTS	1



**BID DOCUMENTS** 

NCA DESIGN

AND CONSTRUCTION

SERVICE

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Drawing Title	Project Title			Project Number
Maintenance Building	NASHVILLE N	865CM3029		
Power Plans	ADMIN DEMO UPGRADES	OLITION AND	FACILITY	Building Number N/A
Approved: Project Director	Location MADISON, TE	NNESSEE		Drawing Number
	Date	Checked	Drawn	= E-100M
	07/20/2015	AR	JB	<b>Dwg.</b> 84 <b>of</b> 90

Department of Veterans Affairs

